

S E C R E T

DETACHMENT "H"

STANDARD OPERATING PROCEDURE

1 March 1971

H-50-3 This SOP supercedes SOP H-50-3 dated 16 December 1968.

U-2R TRANSITION PROCEDURES

1. PURPOSE: To establish minimum requirements and procedures for pilot transition into the U-2R at this Detachment.
2. SCOPE: The provisions of this SOP are applicable to all pilots of this unit engaged in the U-2R transition program.
3. RESPONSIBILITY: The Director of Operations is responsible for insuring that the provisions of this SOP are complied with.
4. PRE-REQUISITES:
  - a. Pilots must have satisfactorily completed a formal ground training course in the U-2R.
  - b. Pilots must have flown at least fifty (50) hours in the U-2A/C/G/R.
  - c. Pilots must have flown at least one (1) local orientation flight in a T-33 aircraft. This flight must have included at least one (1) successful TACAN Approach.
  - d. Pilots who have satisfactorily completed U-2R transition at another location are only required to fly training missions 1, 3 & 5.

5. PROCEDURES:

a. Ground Training Requirements:

(1) Review all local operating procedures applicable to U-2R aircraft.

(2) Review and demonstrate thorough knowledge of normal and emergency procedures for the U-2R.

(3) Review use of full pressure suit.

(4) Review U-2R configuration and systems.

(5) Review defensive tactics for the U-2R.

(Requirements 4 & 5 may be given in conjunction with flying but must be completed prior to the last training flight.)

b. Flying Training Requirements: Following are the minimum flying requirements. Additional training may be scheduled if deemed necessary.

- (1) FLIGHT NUMBER 1: 2+00 Low Altitude
  - (a) DACAN Penetration and Low Approach - 1
  - (b) GCA - 1
  - (c) SFO's - 2
  - (d) Normal Pattern with Touch and Go - 1
  - (e) Touch and Go landings - 2 (Closed Pattern)
  - (f) Full Stop Landing - 1
- (2) FLIGHT NUMBER 2: 2+00 Low Altitude
  - (a) ADF Penetration and Low Approach - 1
  - (b) GCA's - 2
  - (c) SFO's - 2
  - (d) Touch and Go Landings - 2
  - (e) No Flap Touch and Go Landing - 1
  - (f) Full Stop Landing - 1
- (3) FLIGHT NUMBER 3: 4+00 High Altitude
  - (a) Flight Lines with Configuration - 5
  - (b) Evasive Maneuver Practice
  - (c) GCI Penetration - 1
  - (d) GCA Approach - 1
  - (e) Landing - 1
- (4) FLIGHT NUMBER 4: 5+00 High Altitude
  - (a) Max Range Cruise Indoctrination - 1
  - (b) Doppler Indoctrination - 1
  - (c) Flight Lines - 3
  - (d) DACAN Penetration and Approach - 1
  - (e) Landing - 1

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(5) FLIGHT NUMBER 5: 6+00 High Altitude

- (a) Over-water Navigation
- (b) Doppler Proficiency
- (c) Flight Lines - 3
- (d) TACAN Penetration - 1
- (e) Landing - 1

c. EVALUATION REQUIREMENTS: An Evaluation Check will be administered on Flight Number 5 IAW SOP H-50-4. Upon satisfactory completion of the Evaluation Check and review by the Evaluation Board the pilot will be placed in an Operational Ready status for the U-2R.



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